

WEST Search History

DATE: Tuesday, June 03, 2003

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|-----------------|--|------------------|-----------------|
| side by side | | | result set |
| | <i>DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> | | |
| L36 | L35 not L34 | 72 | L36 |
| L35 | L32 and (polysilicon or (polycrystal\$5 silicon) or SiN or SiNx or "SiN.sub.x" or (silicon nitride)) | 105 | L35 |
| L34 | L33 not (L28 or L31) | 67 | L34 |
| L33 | L32 same (alter\$5 or change or changed or changing or raise or raised or raising or increas\$4 or lower\$3 or decreas\$4 or modif\$8 or affect\$4 or effect\$3 or optimiz\$7 or influenc\$4) ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | 67 | L33 |
| L32 | L30 not L28 | 336 | L32 |
| L31 | L29 and (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) same (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4)) same ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | 7 | L31 |
| L30 | L29 | 145 | L29 |
| L29 | L28 | 42 | L28 |
| L28 | <i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i> | | |
| L27 | (polysilicon or (polycrystal\$5 silicon) or SiN or SiNx or "SiN.sub.x" or (silicon nitride)) and ((SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4)) with (RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))) | 6 | L27 |
| L26 | (polysilicon or (polycrystal\$5 silicon) or SiN or SiNx or "SiN.sub.x" or (silicon nitride)) and ((SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4) or (index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4)) with (RTA or | 364 | L26 |

| | | | |
|-----|--|----|-----|
| | anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))) | | |
| L25 | L24 not (L22 or L19 or L17 or L15 or L13) | 33 | L25 |
| L24 | L23 and L9 (polysilicon or (polycrystal\$5 silicon) or SiN or SiNx or "SiN.sub.x" or (silicon nitride)) and ((SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4) or (index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4)) same (RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))) | 64 | L24 |
| L23 | 1137 L23 anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4) or (index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4)) same (RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))) | | |
| L22 | L21 not L16 ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4)) with (alter\$5 or change or changed or changing or raise or raised or raising or increas\$4 or lower\$3 or decreas\$4 or modif\$8 or affect\$4 or effect\$3 or optimiz\$7 or influenc\$4)) | 81 | L22 |
| L21 | 95 L21 ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4)) with (alter\$5 or change or changed or changing or raise or raised or raising or increas\$4 or lower\$3 or decreas\$4 or modif\$8 or affect\$4 or effect\$3 or optimiz\$7 or influenc\$4)) | | |
| L20 | 497 L20 ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | | |
| L19 | 63 L19 L18 not (L15 or L17) ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | | |
| L18 | 79 L18 L17 not L15 L16 and ((anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | | |
| L17 | 36 L17 L16 and ((anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | | |
| L16 | 42 L16 L15 and ((RTA or anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | | |
| L15 | 16 L15 L14 6410173.pn. L13 and ((index near2 refract\$4) or (extinction coefficient) or (optical propert\$4)) | | |
| L13 | 26 L13 L12 and L8 | | |
| L12 | 183 L12 | | |

| | | | |
|-----|---|------|-----|
| L11 | L10 and (anneal\$3 or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4)) | 23 | L11 |
| L10 | L6 and L7 | 66 | L10 |
| L9 | L6 or L7 or L8 | 7684 | L9 |
| L8 | (427/372.2).ccls. or (427/376.2).ccls. or ((427/397.7)!.CCLS.) (427/255.29).ccls. or (427/255.37).ccls. or (427/419.1).ccls. or | 2814 | L8 |
| L7 | (427/419.2).ccls. or (438/761).ccls. or (438/786).ccls. or (438/787).ccls. or (438/788).ccls. or (438/791).ccls. or (438/792).ccls. or ((438/29)!.CCLS.) | 3364 | L7 |
| L6 | (427/162).ccls. or (359/580).ccls. or (359/581).ccls. or ((359/586) !.CCLS.) | 1801 | L6 |

DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

(Chiou or Jang or (Taiwan Semiconductor)) and ((anneal\$3 or bake or
baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))

| | | | |
|----|--|---|----|
| L5 | with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | 1 | L5 |
|----|--|---|----|

(Chiou or Jang or (Taiwan Semiconductor)) and ((anneal\$3 or bake or
baked or baking or (heat near2 treat\$4) or (thermal\$2 near2 treat\$4))

| | | | |
|----|---|---|----|
| L4 | with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | 7 | L4 |
|----|---|---|----|

DB=USPT,PGPB; PLUR=YES; OP=ADJ

(Chiou.in. or Jang.in. or (Taiwan Semiconductor).as.) and ((anneal\$3
or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2

| | | | |
|----|--|---|----|
| L3 | near2 treat\$4)) with (SiON or SiONH or (silicon near2 oxynitride) or SiO2 or "SiO.sub.2" or (silicon \$2oxide) or (silicon near2 oxygen near2 nitrogen near2 hydrogen)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | 8 | L3 |
|----|--|---|----|

(Chiou.in. or Jang.in. or (Taiwan Semiconductor).as.) and ((anneal\$3
or bake or baked or baking or (heat near2 treat\$4) or (thermal\$2

| | | | |
|----|---|---|----|
| L2 | near2 treat\$4)) with (ARC or DARC or BARC or (antireflect\$4) or (anti reflect\$4)) with ((index near2 refract\$4) or (extinction coefficient) or n or k or (optical propert\$4))) | 1 | L2 |
|----|---|---|----|

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|----|----------------------------|---|----|
| L1 | 6268294.pn. or 6020273.pn. | 2 | L1 |
|----|----------------------------|---|----|

END OF SEARCH HISTORY